## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S72	1876	(surge\$1 or transients or over\$1voltage or (excessive with voltage\$1)) same (diode\$1 near4 bridge\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 18:40
573	1470	(surge\$1 or transients or over\$1voltage or (excessive with voltage\$1)) same (diode\$1 near2 bridge\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 18:09
S74	1145	(surge\$1 or transients or over\$1voltage or (excessive with voltage\$1)) same (diode\$1 near bridge\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 18:10
S75	13	(surge\$1 or transients or over\$1voltage or (excessive with voltage\$1)) same (diode\$1 near bridge\$1) same (avalanche adj diode\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 18:12
S76	11	("4438477"   "4616155"   "4677518"   "4807083"   "4979209"   "4999729"   "5394466"   "5412526"   "5566056"     "5625521"   "5675468").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 18:26
<b>S77</b>	13	("6252754").URPN.	USPAT	OR	ON	2006/08/30 18:33
S78	13	("6252754").URPN.	USPAT	OR	ON	2006/08/30 18:38
S79	97	(diode\$1 adj2 bridge\$1) near three	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 18:40
\$80	0	S79 same (surge\$1 or transients or over\$1voltage or (excessive with voltage\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 18:41
S81	27	S79 and (surge\$1 or transients or over\$1voltage or (excessive with voltage\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 18:44
S82	1056	361/119.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 18:45
S83	39	361/119.ccls. and ((diode\$1 adj2 bridge\$1) or (balanced adj bridge\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 18:46

## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1325	361/118.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/31 10:18
L2	3	361/118.ccls. and (diode\$1 adj2 bridge\$1) same (avalanche adj diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/31 10:21
L3	274	361/118.ccls. and surg\$3 adj protect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/31 10:21
L4	12	361/118.ccls. and surg\$3 adj protect\$3 and ((diode\$3) near (avalanche adj diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/31 10:24
L5	12	361/118.ccls. and surg\$3 adj protect\$3 and ((diode\$3) with (avalanche adj diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/31 10:24
L6	12	361/118.ccls. and surg\$3 adj protect\$3 and ((diode\$3) same (avalanche adj diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/31 10:24
L7	1798	361/111.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/31 10:25
L8	71	361/111.ccls. ((diode\$3) same (avalanche adj diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/31 10:31
L9	2553	361/56.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/31 10:31
L10	74	361/56.ccls. ((diode\$3) same (avalanche adj diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/08/31 10:31
L11	2	("6,692,270").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/31 10:37
L12	0	("6692270").URPN.	USPAT	OR	ON	2006/08/31 10:37
L13	6	("4389695"   "5377067"   "5563761"   "5674079"   "5717561"   "6095856").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 10:37

## **EAST Search History**

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L14	3	("5717561").URPN.	USPAT	OR	ON	2006/08/31 10:47
L15	11	("4282555"   "4389695"   "4449156"   "4477857"   "4661878"   "4905119"   "5274524"   "5341269"   "5357568"   "5359657"   "5367569").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/31 10:49
L16	34	"4,389,695"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/31 10:51
L17	2	("5674079").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/31 10:51
L18	2	("5377067").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/31 11:06
L19	2	("5706160").PN	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/31 11:52
L20	6206	(surge\$1 transient\$1) same (module)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/31 11:54
L21	<b>51</b>	20 same (ground or gnd or chassis or shield) near line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/31 11:56
L22	74	20 same (ground or gnd or chassis or shield or hot or neutral or common) near line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/31 11:57
L39	3	surge adj protection and first near2 bridge and second near3 bridge and third near3 bridge	US-PGPUB	OR	ON	2006/08/31 14:00